

Work Order ID 93049

November-13-12 2:23:47 PM

93049

Page 1

Item ID: D3849-1

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Plate

Start Date: 13/11/2012 Start Qty: 8.00 *8*

Cust Item ID:

Required Date: 27/11/2012 Req'd Qty: 8.00 *8*

Customer:

Reference:

Approvals: Process Plan: MCS Date: 12-11-13 Tooling:

Run Start *NR1*

QC: Date: SPC (Y/N):

Date:

Stop *NR2*

Date:

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
D3849	D

100

0.00

100

Waterjet

Memo

0.00

FLOW CNC Waterjet

1-Cut as per Dwg D3849

Dwg Rev: D

Prog Rev: D

2-Deburr if necessary

110

QC2- Inspect parts off machine FAI/FAIB

0.00

110

QC

Memo

0.00

Quality Control

8 0 Im 2-11-16

8 0 Im 2-11-16

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Misread
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Offset
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Outside Dimensions
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Work Order ID 93049

November-13-12 2:23:47 PM

93049

Page 2

Item ID: D3849-1

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Plate

Stop *NS2*

Start Date: 13/11/2012 Start Qty: 8.00

8

Cust Item ID:

Required Date: 27/11/2012 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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120

QC8- Inspect parts - second check

0.00

120

QC

Memo

0.00

Quality Control

130

0.00

130

Brake NC

Memo

0.00

Brake NC

Form as per dwg using DT8179 & DT8155

210

QC5- Inspect part completeness to step on W/O

0.00

210

QC

Memo

0.00

Quality Control

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions	<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 93049

November-13-12 2:23:47 PM

93049

Page 3

Item ID: D3849-1

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Item Name: Plate

Stop ***NS2***

Start Date: 13/11/2012 Start Qty: 8.00

8

Cust Item ID:

Required Date: 27/11/2012 Req'd Qty: 8.00

8

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

220

Identify as per dwg & Stock Location: W/A

0.00

220

Packaging

Memo

0.00

Packaging

(18) ME 12-11-20

230

QC21- Final Inspection - Work Order Release

0.00

230

QC

Memo

0.00

Quality Control

12/11/20 ME
12-11-20

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabelled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Picklist Print

November-13-12 2:23:50 PM

Page 1

Work Order ID: 93049

Parent Item: D3849-1

Parent Item Name: Plate

93049

D3849-1

Start Date: 13/11/2012

Required Date: 27/11/2012

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP REV:A NEW ISSUE 12-08-23 JLM VERIFIED BY:DD IPP
Rev:B 12.09.11 AS PER DWG REV.D DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

M304S18GA		Purchased	No			100	sf	269.4149	3.585	30.18947			
-----------	--	-----------	----	--	--	-----	----	----------	-------	----------	--	--	--

M304S18GA

304/316 .050 Sheet

**

30.2

Jm 12-11-16

Location

Loc Qty

Loc Code

MAT020

269.414947

121626

1.65

121660

11.000737

123155

45.56421

123372

19.2

123649

192

123649

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data <input type="checkbox"/>											
<input type="checkbox"/>											
Equip/Tooling <input type="checkbox"/>											
<input type="checkbox"/>											
Operator <input type="checkbox"/>											
<input type="checkbox"/>											
Material <input type="checkbox"/>											
<input type="checkbox"/>											
Setup <input type="checkbox"/>											
<input type="checkbox"/>											
Other <input type="checkbox"/>											
<input type="checkbox"/>											
Process <input type="checkbox"/>											
<input type="checkbox"/>											
Supplier <input type="checkbox"/>											
<input type="checkbox"/>											
Training <input type="checkbox"/>											
<input type="checkbox"/>											
Unapproved <input type="checkbox"/>											

FAULT CATEGORY									
Landing Gear			General						
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain	<input type="checkbox"/> Ovalized	<input type="checkbox"/> Pressure/Forced					
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware	<input type="checkbox"/> Over/Under tolerance	<input type="checkbox"/> Temperature/Cure					
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete	<input type="checkbox"/> Part Incorrect	<input type="checkbox"/> Weld					
<input type="checkbox"/> Crushed/Crimped.	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/> Part Lost/Missing	<input type="checkbox"/> Wrong Stock Pulled					
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Part Moved						
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Positioned Wrong						
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread	<input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Other					
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset							
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration							
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence							
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions							

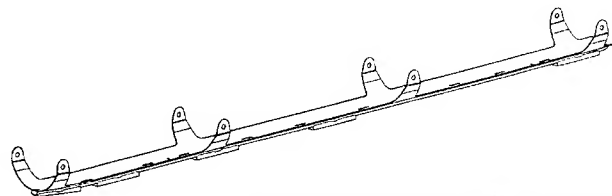
DART AEROSPACE LTD		Work Order: 93049
Description: Wearplate		Part Number: D3849-1
Inspection Dwg: D3849	Rev: D	Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

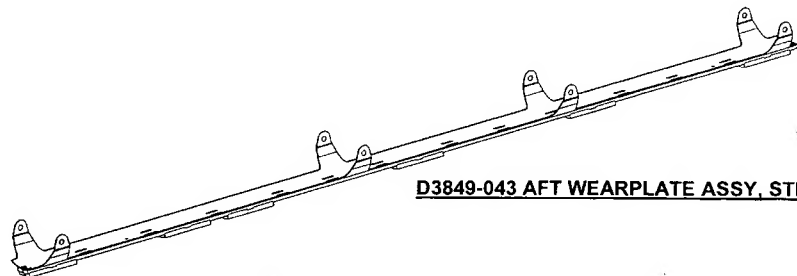
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.375	+0.006/-0.001	0.377"	-		V	Revised
0.125	+/-0.010	0.127"	-		V	
0.88	+/-0.030	0.882"	-		V	
2.433	+/-0.010	2.441"	-		V	
6.642	+/-0.010	6.648"	-		V	
2.45	+/-0.030	2.45"	-		V	
18.000	+/-0.010	18.000"	-		T	Revised
36.000	+/-0.010	36.000"	-		T	
51.313	+/-0.010	51.313"	-		T	
7.00	+/-0.030	7.006"	-		V	
41.50	+/-0.030	41.50"	-		T	
7.72	+/-0.030	7.731"	-		V	
54.26	+/-0.030	54.26"	-		T	
0.050	+/-0.010	0.048"	-		V	

Measured by: JM	Audited by: 15-89	Preliminary Approval:
Date: 12-11-16	Date: 12/11/19	Date:

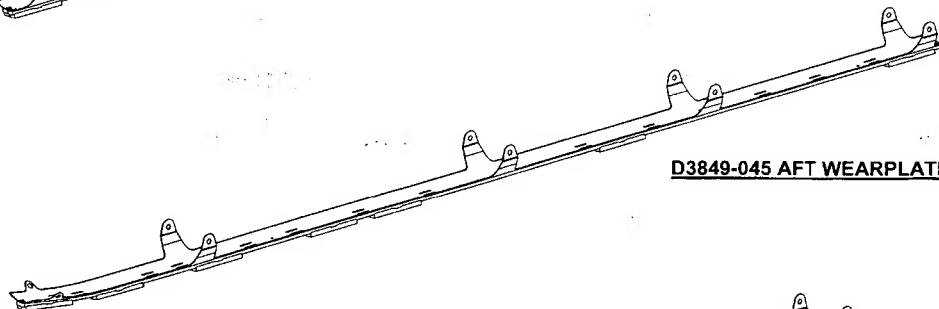
Rev	Date	Change	Revised by	Approved
A	09.10.01	New Issue P/O D3849-041	KJ	
B	12.10.26	Dimensions updated per Dwg Rev D	KJ	



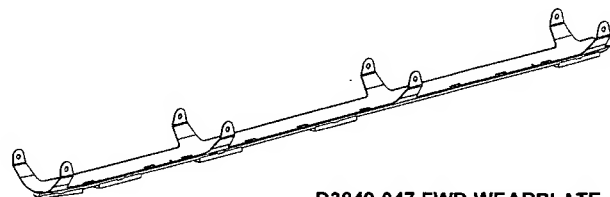
D3849-041 FWD WEARPLATE ASSY, STD GEAR



D3849-043 AFT WEARPLATE ASSY, STD GEAR



D3849-045 AFT WEARPLATE ASSY, FLOAT GEAR



D3849-047 FWD WEARPLATE ASSY, FLOAT GEAR

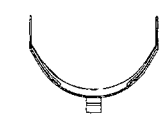
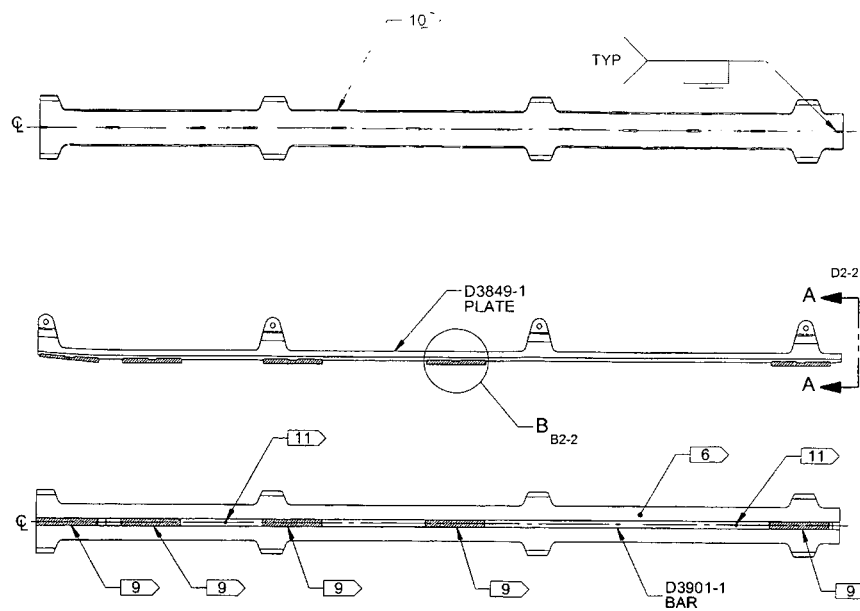
ITEM	QTY -041	QTY -043	QTY -045	QTY -047	P/N	DESCRIPTION
1	X				D3849-041	FWD WEARPLATE ASSY, STD GEAR
2		X			D3849-043	AFT WEARPLATE ASSY, STD GEAR
3			X		D3849-045	AFT WEARPLATE ASSY, FLOAT GEAR
4				X	D3849-047	FWD WEARPLATE ASSY, FLOAT GEAR
11	1				D3849-1	PLATE
12		1			D3849-3	PLATE
13			1		D3849-5	PLATE
14				1	D3849-7	PLATE
15	1			1	D3901-1	BAR
16		2			D3901-3	BAR
17			2		D3901-5	BAR
21	A/R	A/R	A/R	A/R	2059B	HARDCOAT
22	A/R	A/R	A/R	A/R	4714	PLUS ONE ROCKGUARD

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENTS
WITHOUT NOTICE
WORK ORDER

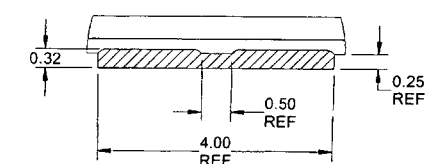
93049 MCT
12-11-13

RELEASED
2012-09-04

D	REVISED FLAT PATTERN - CHANGED SLOT LOCATIONS TO MATCH D3901-1/3/5 BARS (ZN B6-6, B3-6, B6-7, C2-7, B6-8, B2-8, B7-9, B2-9).	DC	12.08.23
C	REVISED FLAT PATTERN - CHANGE SLOT LOCATIONS. ADDED DOUBLE SLOTS AND D3901-3/5 BARS ON -043/-045. UPDATED DETAIL VIEWS. CHANGED WELD DETAILS (ZN B2-2). REMOVED D3848-1/3/5/7 GASKETS, ADD ROCKGUARD COATING. REMOVE FINISH.	DC	12.08.21
B	REVISED FLAT PATTERN Ø0.375 WAS SLOT HOLE ON D3849-1F/3F/5F (ZN A4-5, B4-7, B4-8, C2-10, B2-10). ADD D3849-047 (ZN D4-1, A4-1 & B4-5) & D3849-7/7F (ZN C4-9, A4-9). ADD SECTION K-K (ZN C5-10); 0.88 WAS 0.875 & 0.44 WAS 0.438 (ZN A3-10). ADD 0.25 & 0.88 (ZN D4-10, D3-10). ADD 0.88 & 0.44 (ZN C3-10 & B3-10). ADD FLAG NOTE (ZN A8-2, C6-2, C3-2, A8-3, C6-3, C3-3, A8-4, C6-4, C2-4); 66.87 WAS 67.36 (ZN B4-7).	RF	09.06.30
A	NEW ISSUE	RF	09.03.30
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE USA, INC. KENT, WA DRAWING NO. D3849 REV. D SHEET 1 OF 10 TITLE WEARPLATE ASSY SCALE NTS COPYRIGHT © 2009 BY DART AEROSPACE USA, INC. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE USA, INC.	
DRAWN	BC		
CHECKED	BC		
MFG. APPR.	BC		
APPROVED	BC		
DE APPR.	BC		
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SECTION A-A
C3-2



DETAIL B
C5-2

D3849-041 FWD WEARPLATE ASSY, STD/FLOAT GEAR

RELEASED
2012-09-04
MP

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1 AS SHOWN
 - 7) WEIGHT: D3849-041 = 4.58 lbs
 - 8) WELDING: PER QSI 004
 - 9) 2059B HARDCOAT WELD, 0.32 THICK x 0.50 WIDE, FLUSH WITH D3901-1 BAR ON LATERAL SURFACES
 - 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
 - 11) TRANSFER DRILL Ø0.188 HOLES FROM D3849-1 PLATE TO D3901-1 BAR

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MFG. APPR.	<i>DL</i>	D3849	SHEET 2 OF 10
APPROVED	<i>DL</i>	TITLE	SCALE
DE APPR.	<i>DL</i>	WEARPLATE ASSY	NTS
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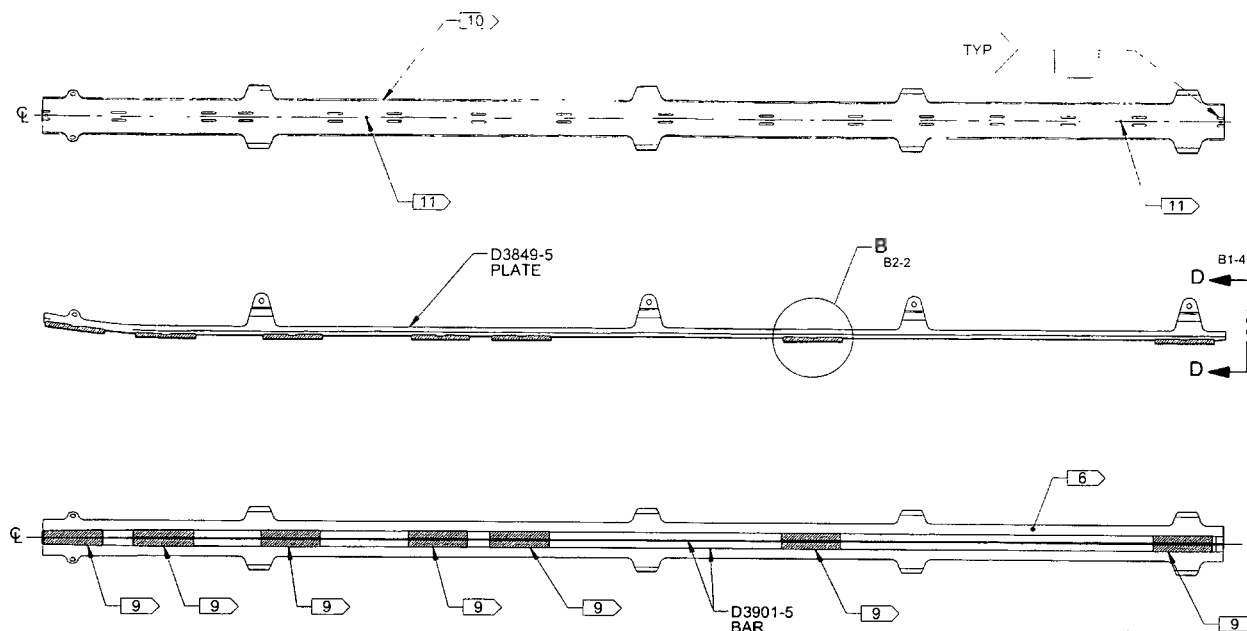
D3901-3
BAR, REF

C3-3

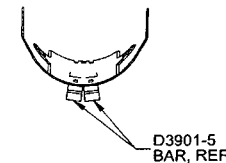
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2012-09-04

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1 AS SHOWN
- 7) WEIGHT: D3849-043 = 7.66 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B HARDCOAT WELD, 0.32 THICK x 0.50 WIDE, FLUSH WITH D3901-3 BARS ON LATERAL SURFACES
- 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF PLUS ONE ROCKGUARD 4714, 0.020-0.040-THICK.
- 11) TRANSFER DRILL Ø0.188 HOLES FROM D3849-3 PLATE TO D3901-3 BARS

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MFG. APPR.	<i>BC</i>	D3849	SHEET 3 OF 10
APPROVED	<i>BC</i>	TITLE	SCALE
DE APPR.	<i>BC</i>	WEARPLATE ASSY	NTS
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RELEASE
2012-09-04



SECTION D-D

C2-4

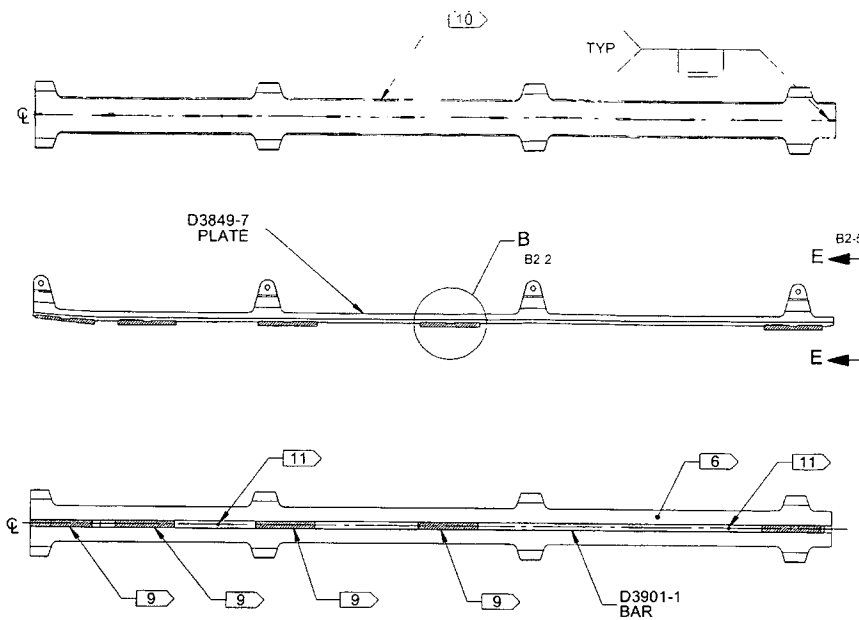
D3849-045 AFT WEARPLATE ASSY, FLOAT GEAR

NOTES:

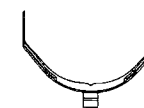
- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1 AS SHOWN
 - 7) WEIGHT: D3849-045 = 8.93 lbs
 - 8) WELDING: PER QSI 004
 - 9) 2059B HARDCOAT WELD, 0.32 THICK x 0.50 WIDE, FLUSH WITH D3849-5 BARS ON LATERAL SURFACES
 - 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
 - 11) TRANSFER DRILL \varnothing 0.188 HOLES FROM D3849-5 PLATE TO D3901-5 BARS

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MFG. APPR.	<i>JS</i>	D3849	SHEET 4 OF 10
APPROVED	<i>JS</i>	TITLE	SCALE
DE APPR.	<i>JS</i>	WEARPLATE ASSY	NTS
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93049



D3849-047 FWD WEARPLATE ASSY, FLOAT GEAR



SECTION E-E
C3-5

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1 AS SHOWN
- 7) WEIGHT: D3849-047 = 4.60 lbs
- 8) WELDING: PER QSI 004
- 9) 2059B HARDCOAT WELD, 0.32 THICK x 0.50 WIDE, FLUSH WITH D3901-1 BAR ON LATERAL SURFACES
- 10) COAT ENTIRE TOP (CONCAVE) SURFACE WITH A LAYER OF PLUS ONE ROCKGUARD 4714, 0.020-0.040 THICK
- 11) TRANSFER DRILL $\phi 0.188$ HOLES FROM D3849-7 PLATE TO D3901-1 BAR

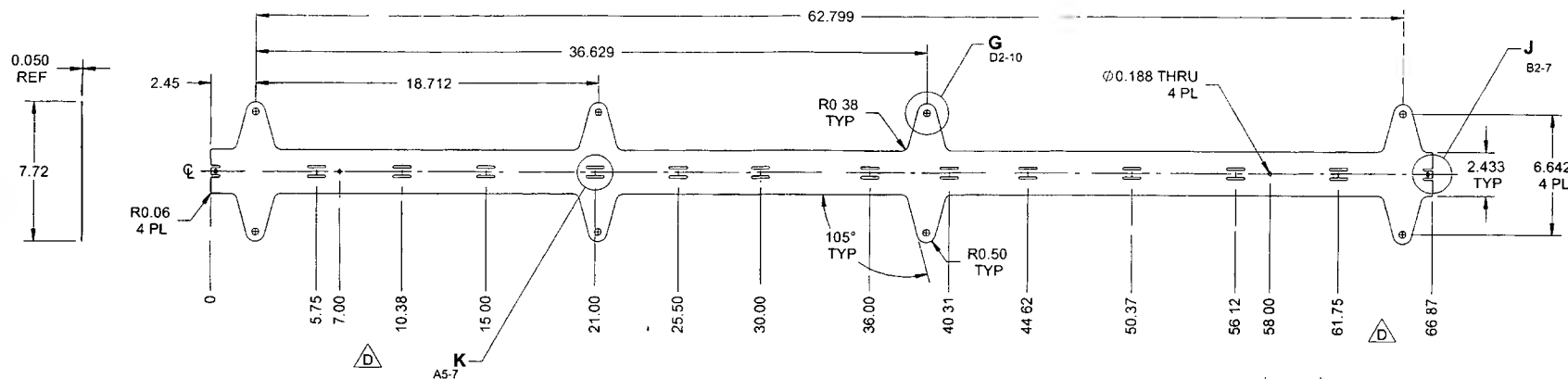
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2012-09-04

DESIGN	RF	DART AEROSPACE USA, INC.	
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CHECKED	PC	DRAWING NO. D3849	REV. D
MFG. APPR.	PC	SHEET 5 OF 10	
APPROVED	PC	TITLE	SCALE
DE APPR.	PC	WEARPLATE ASSY	NTS
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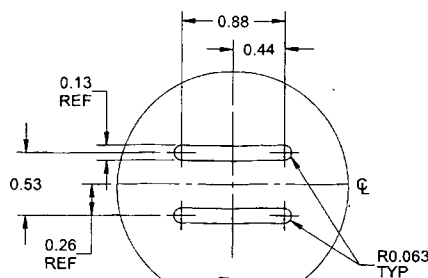
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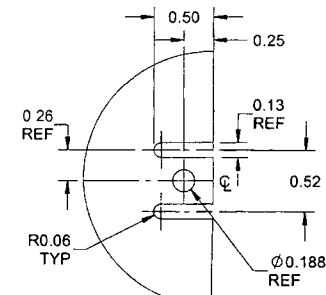
D3849-3 PLATE
(MAKE FROM D3849-3F)



D3849-3F FLAT PATTERN



DETAIL K

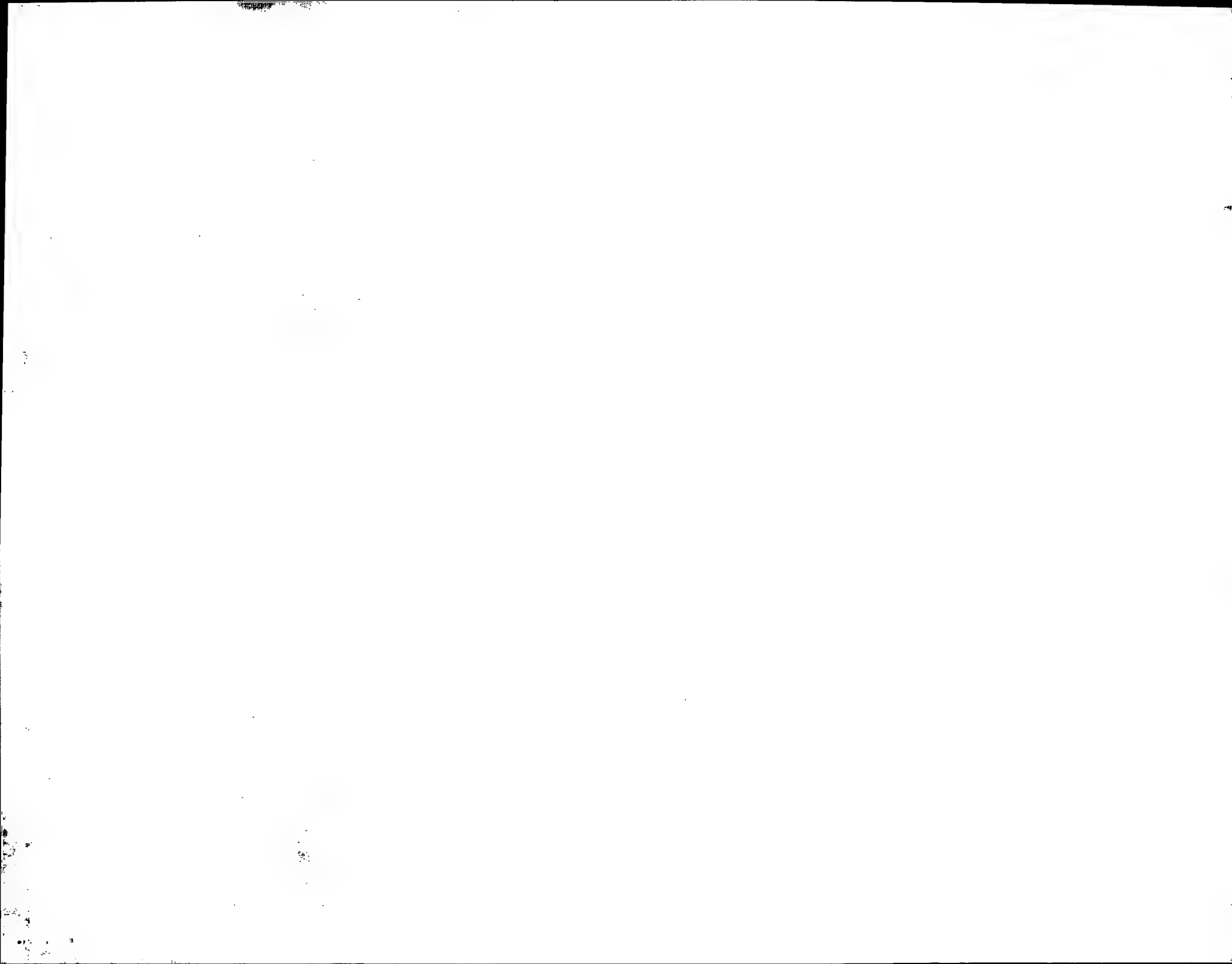


DETAIL J

- NOTES:**
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524 OR ASTM A240 OR ASME SA240 18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 2.74 lbs

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	DC	KENT, WA	
CHECKED	AS	DRAWING NO.	REV. D
MFG. APPR.	DS	D3849	SHEET 7 OF 10
APPROVED	WJ	TITLE	SCALE
DE APPR.		WEARPLATE ASSY	NTS
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RELEASED
2012-09-04



Technical drawing of a mechanical part, likely a shaft or beam, showing a cross-section with a central hole and a flange. The drawing includes dimensions: a total length of 72.6, a central hole diameter of 0.8 REF, and a flange diameter of 0.8 REF. The part is labeled A6-10.

0.050 REF

7.72

6.642 4 PL

2.433 TYP

2.45

18.712

36.622

62.788

75.261

A5-7 K

D2-10 G

R0.38 TYP

105° TYP

R0.50 TYP

Ø 0.188 THRU 4 PL

0.75 TYP J B2-7

3.283 L B2-10

R0.38 2 PL

0 5.75 7.00 10.56 15.38 20.19 25.00 31.00 37.81 44.63 50.38 56.11 60.11 66.11 68.61 74.63 79.76

RELEASED
2012-09-04

1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524
OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)

2) FINISH: NONE

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

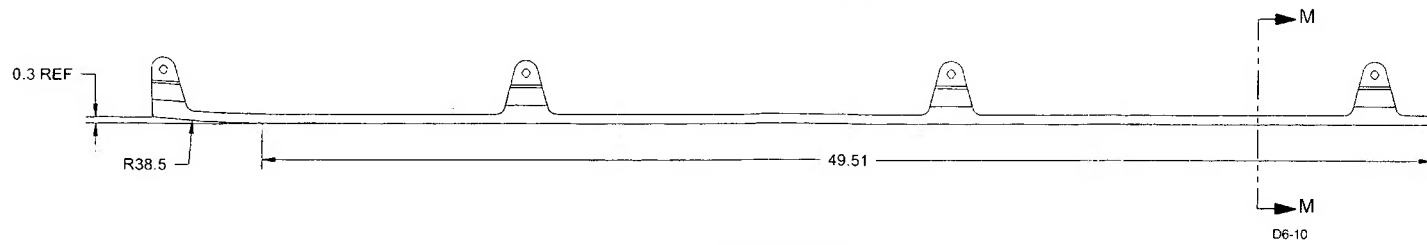
6) IDENTIFICATION: NONE

7) WEIGHT: 3.17 lbs

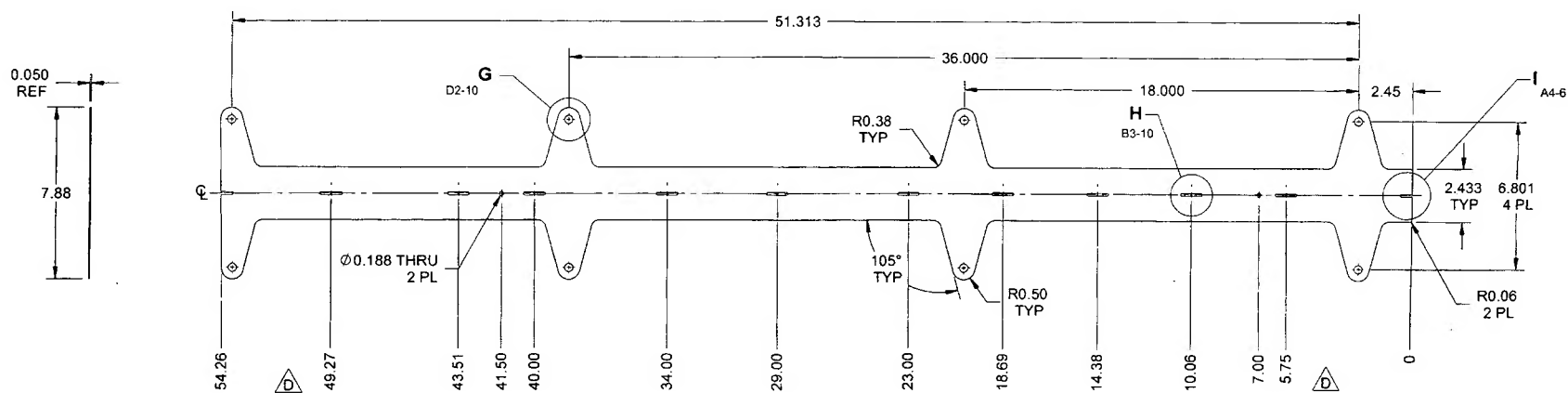
DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	<i>DF</i>	KENT, WA	REV. D
CHECKED	<i>DF</i>	DRAWING NO. D3849	SHEET 8 OF 1
MFG. APPR.	<i>DF</i>	TITLE	SCALE
APPROVED	<i>DF</i>	WEARPLATE ASSY	NTS
DE APPR.	<i>DF</i>	COPYRIGHT © 2005 BY DART AEROSPACE USA, INC. <small>THIS DOCUMENT IS THE PROPERTY OF DART AEROSPACE USA, INC. IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE USA, INC.</small>	
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93049



D3849-7 PLATE
(MAKE FROM D3849-7F)



D3849-7F FLAT PATTERN

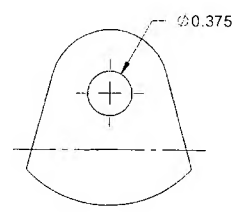
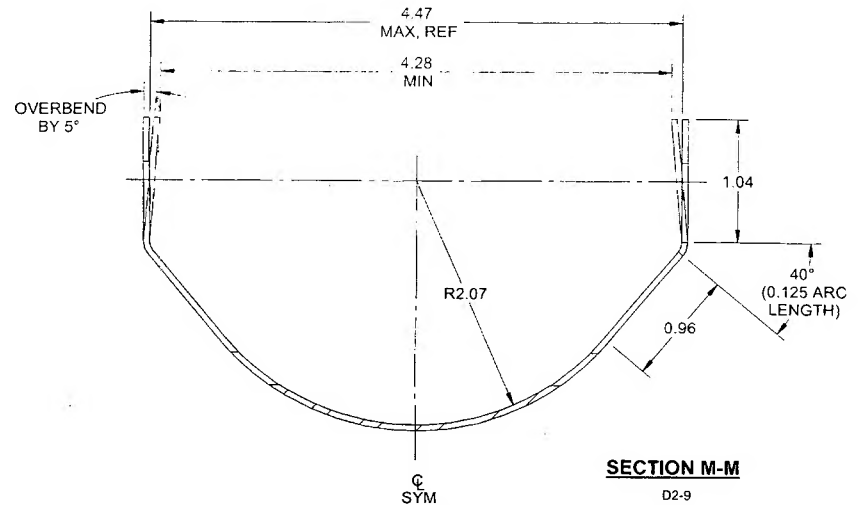
RELEASED
2012-09-04
JW

NOTES:

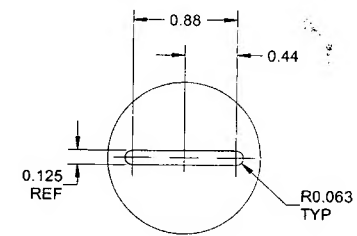
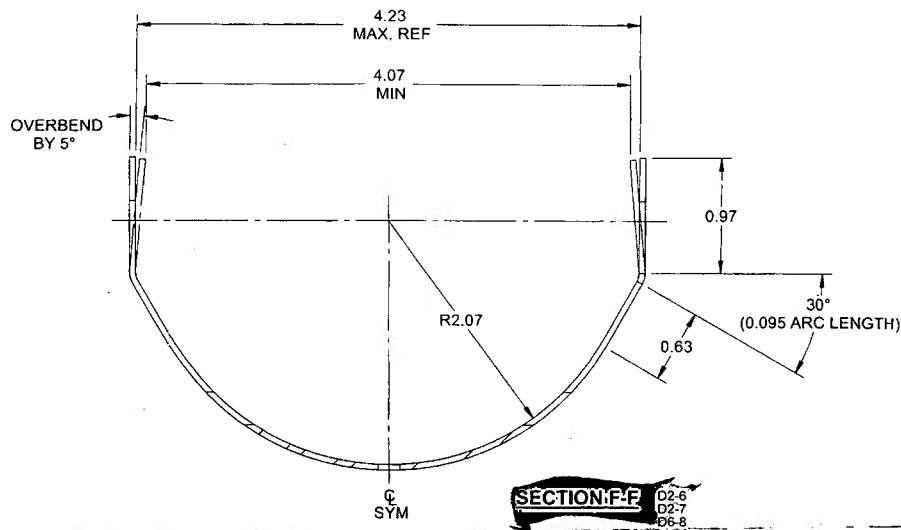
- 1) MATERIAL: AISI 304/316 STAINLESS STEEL SHEET PER AMS 5513 OR 5524 OR ASTM A240 OR ASME SA240
18 GAUGE 0.050 THICK, (REF. DART SPEC. M304S18GA)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 2.32 lbs

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	BC	KENT, WA	
CHECKED	AB	DRAWING NO.	REV. D
MFG. APPR.	DS	D3849	SHEET 9 OF 10
APPROVED	JW	TITLE	SCALE
DE APPR.	JA	WEARPLATE ASSY	NTS
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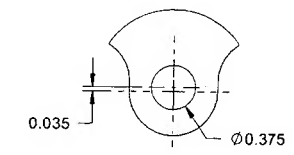
93049



DETAIL G
SLOT DETAIL TYP
C4-6
C4-7
C4-8
C6-9



DETAIL H
SLOT DETAIL TYP
C3-6
B3-9



DETAIL L
DETAIL TYP
B2-8

RELEASED
2012-09-04

DESIGN	RF	DART AEROSPACE USA, INC.	
DRAWN	DC	KENT, WA	
CHECKED	JS	DRAWING NO.	REV. D
MFG. APPR.	JS	D3849	SHEET 10 OF 10
APPROVED	JS	TITLE	SCALE
DE APPR.	JS	WEARPLATE ASSY	NTS
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